

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Canceled)
2. (Currently Amended) A mobile communication device comprising:
a service-type recording section for recording a service type of communication to be handled;
an interface recording section for recording one or more types of external interfaces with an external network received from a first mobile router relayed to the external network;
an interface decision section for selecting at least one of the external interfaces adapted for the service type;
a transmission section for notifying first information of the at least one of the external interfaces selected to a second mobile router of or within a same segment according to claim 1, further comprising
a priority decision section for deciding a priority of the at least one of the external interfaces selected,
wherein the transmission section generates second information, added adds the first information with the priority and notifies the second information.
3. (Canceled)
4. (Currently Amended) A mobile communication device according to claim 2, wherein the at least one of the external interfaces is a plurality of the external interfaces and the selecting of the at least one of the external interfaces a group of the external interfaces is from [[a]] the plurality of external interfaces of or within the first mobile router.
5. (Currently Amended) A mobile communication device according to claim 2, wherein

the interface recording section further records link status information of the at least one of the external interfaces received, and

the transmission section ~~addes~~adds the second information with the link status information thereby ~~makes~~generating a notification.

6. (Currently Amended) A mobile communication device comprising:

a service-type recording section for recording a service type of communication to be handled;

an interface recording section for recording one of more types of external interfaces with an external network received from a first mobile router relayed to the external network;

an interface decision section for selecting at least one of the external interfaces adapted for the service type: and

a transmission section for notifying first information of the at least one of the external interfaces selected to a second mobile router of or within a same segment~~A mobile communication device according to claim 1, wherein~~

the service-type recording section records a plurality of significances of a plurality of parameters representative of a plurality of characteristics of the service type, and

the interface decision section decides the at least one of the external interfaces on the basis of the significance~~by weighting using the plurality of significances.~~

7. (Currently Amended) A mobile communication device according to claim 6, having a function for a user to change at least one of the service type ~~and~~or the significance.

8. (Currently Amended) A mobile communication device according to claim 6, wherein the service-type recording section has a function to record each of the significance significances by downloading from the external network.

9. (Currently Amended) A mobile communication device ~~according to claim 6~~comprising:

a service-type recording section for recording a service type of communication to be handled;

an interface recording section for recording one of more types of external interfaces with an external network received from a first mobile router relayed to the external network;

an interface decision section for selecting at least one of the external interfaces adapted for the service type; and

a transmission section for notifying first information of the at least one of the external interfaces selected to a second mobile router of or within a same segment, wherein

the service-type recording section records a significance of a parameter representative of a characteristic of the service type, and

the interface decision section decides the at least one of the external interfaces based on the significance and takes a same parameter as the parameter of service type as a parameter representative of a characteristic of the at least one of the external interfaces, the parameters of the external interfaces each having further information recording superiority, the external interface being determined on a basis of the significance and the superiority.

10. (Currently Amended) A mobile communication device according to claim 9, wherein the service-type recording section has a function for a user to change at least one of the service type, the significance ~~and~~or the superiority.

11. (Currently Amended) A mobile communication device according to claim 9, wherein the service-type recording section has a function to record at least any one of the significance ~~and~~or the superiority by downloading from the external network.

12. (Currently Amended) A mobile communication device according to claim ~~12~~, further having a collection timer managing section for managing a period to receive the one or more types of external interfaces ~~type~~-from the mobile router,

wherein the interface decision section ~~selects~~selects an external interface after receiving a notification of elapse of a predetermined time from the collection timer managing section.

13. (Canceled)

14. (Canceled)

15. (Currently Amended) A mobile router ~~according to claim 14~~comprising:

an interface-type recording section for recording external-interface-type information as interface information for connection with an external network;

a connection-interface recording section for receiving and recording connection information for deciding an external interface for relaying with the external network, from a mobile communication device that received the external-interface-type information;

a connection decision section for deciding whether or not to relay communication from the mobile communication device, based on the connection information; and

a router transmission section for multicasting the external-interface-type information and providing a notification to the mobile communication device selected for the decision of relaying, wherein

the connection information has a plurality of external interface types, the connection decision section selecting one external interface associated with one of the plurality of external interface types, is further added with a priority on each of the external interface types, and the connection decision section selects one of the plurality of the external interfaces according to the priority.

16. (Currently Amended) A mobile router according to claim 15, further comprising a timer managing section for managing a time ~~of up to~~for a notification to relay by the connection decision section to the mobile communication device,

wherein the connection decision section makesprovides atthe notification after a lapse of thea time set shorter as the priority is higherincreased.

17. (Currently Amended) A mobile router according to claim 15, wherein the connection decision section allows for relaying in a case that the selected external interface is in a connectable status and the priority is ~~the~~highest.

18. (Currently Amended) A mobile router according to claim 15, further comprising an external-link monitor section for notifying a change of link status to the mobile communication device and another mobile router through the router transmission section in a case that the selected external interface is changed in link status.

19. (Currently Amended) A mobile router according to claim 18, wherein the connection interface recording section updates information of connection status on a basis of a notification of link status change received from the other mobile router, and

the connection decision section allows for relaying in a case that the external interface is in a connectable status and the priority is ~~the-highest~~ from the updated information of connection status.

20. (Currently Amended) A mobile communication system comprising

a mobile communication device including:

a service-type recording section for recording a service type of communication to be handled;

an interface recording section for recording ~~[[a]]one or more~~ type of an external ~~interface-interfaces~~ to an external network received from a mobile router relaying to ~~the-an~~ external network;

an interface decision section for selecting at least one ~~or more~~ of the external interfaces adapted for the service type;

a transmission section for notifying first information of the at least one of external ~~interface-interfaces~~ selected to the mobile router of or within a same segment; and

a mobile router including:

an interface-type recording section for recording external-interface-type information as interface information for connection with ~~an-the~~ external network;

a connection-interface recording section for receiving and recording connection information for deciding an external interface for relaying with the external network, from

~~[[a-]]~~the mobile communication device that received the external-interface-type information;

a connection decision section for deciding whether or not to relay a communication ~~of~~ from the mobile communication device, on the basis of the connection information; and

a router transmission section for multicasting the external-interface-type information and making a notification to the mobile communication device selected for decision of relaying, wherein

the service-type recording section records a plurality of significances of a plurality of parameters representative of a plurality of characteristics of the service type, and

the interface decision section decides the at least one of the external interfaces by weighting using the plurality of significances.

21. (Currently Amended) A mobile communication system ~~according to claim 20~~comprising

a mobile communication device; and

a mobile router, wherein

the mobile communication device includes:

a service-type recording section for recording a service type of communication to be handled,

an interface recording section for recording one or more types of external interfaces to an external network received from the mobile router relaying to the external network,

an interface decision section for selecting at least one of the external interfaces adapted for the service type,

a transmission section for notifying first information of the at least one of the external interfaces selected to the mobile router of or within a same segment, and

the mobile router includes:

an interface-type recording section for recording external-interface-type information as interface information for connection with the external network;

a connection-interface recording section for receiving and recording connection information for deciding an external interface for relaying with the external network, from the mobile communication device that received the external-interface-type information;

a connection decision section for deciding whether or not to relay a communication from the mobile communication device, based on the connection information;
and

a router transmission section for multicasting the external-interface-type information and providing a notification to the mobile communication device selected for the decision of relaying, wherein the mobile router that the connection information is further added with a plurality of external interface types and a priority on each of the external interfaces, and the connection decision section is to select the external interface according to the priority, further comprises an external-link monitor section for notifying a change of link status to the mobile communication device and another mobile router through the router transmission section in a case the external interface is changed in link status; and

the mobile communication device further comprises a priority decision section for deciding a priority of the external interface selected, the interface recording section recording link status information of the external interface further received, the transmission section adding the first information with the priority and the link status information thereby making a notification to the mobile router.